

## CLAIMS

### What is claimed is:

347  
B1

1. A packaged solution, comprising:  
a cup-shaped container defining a cavity therein opening to a mouth;  
5 a volume of a solution comprising sucrose and water within the cavity; and  
a cover disposed over the mouth of the container and sealing the solution within the  
cavity.
2. The packaged solution of claim 1, wherein the cover includes a lateral  
10 protrusion.
3. The packaged solution of claim 2, wherein the container includes  
a peripheral flange about the mouth, and the cover extends peripherally at least to an  
outer end of the flange.
- 15 4. The packaged solution of claim 3, wherein the peripheral flange includes a  
lateral protrusion and the lateral protrusion of the cover is substantially aligned therewith.
5. The packaged solution of claim 1, wherein the cover is sealed to  
20 the container.
6. The packaged solution of claim 5, wherein the container includes  
a peripheral flange about the mouth, and the cover extends peripherally at least to an  
outer end of the flange.
- 25 7. The packaged solution of claim 6, wherein the cover is sealed to  
the peripheral flange.

30

8. The packaged solution of claim 1, wherein the solution and an interior of the container are in an aseptic state.

5 9. The packaged solution of claim 1, wherein the solution comprises about 10% to about 50% sucrose with a remainder of the solution comprising water.

10 10. The packaged solution of claim 1, wherein the solution comprises about 24% USP grade liquid sucrose to about 76% clean water.

11. The packaged solution of claim 1, wherein the cup-shaped container has a greater width than depth.

12. A system for providing a solution for use in conjunction with a planned medical procedure on a neonatal infant, comprising:  
15 preparing a solution comprising sucrose and water;  
packaging the solution in single use containers;  
assembling a plurality of single use containers in a shipping container;  
shipping the container to an intended site of usage of the solution;  
opening an individual, single use container of the solution prior to the planned procedure;  
20 administering a selected volume dose of the solution orally to the neonatal infant; and  
discarding any residual solution with the opened, individual, single use container after the procedure.

13. The system of claim 12, further comprising maintaining the  
25 solution in each single use container in an aseptic state after packaging until opening thereof for the planned medical procedure.

14. The system of claim 12, further comprising packaging the solution in cup-shaped single use containers having covers sealed over mouths thereof.

30

Sub  
cont  
B2

15. The system of claim 12, further comprising formulating the solution to comprise between about 10% and about 50% sucrose with a remainder of the solution comprising water.

5 16. The method of claim 12, further comprising formulating the solution to comprise about 24% USP grade liquid sucrose to 76% clean water.

~~17.~~ A method of administering a solution to a neonatal infant, comprising:

10 providing a solution comprising sucrose and water in an aseptic state and in a volume selected for single patient use within a sealed container;  
opening the container;  
withdrawing a selected dose of solution from the opened container and administering the selected dose to the neonatal infant; and  
15 discarding any residual solution with the container.

18. The method of claim 17, wherein the container is cup-shaped and the opening thereof comprises peeling off a cover sealed over a mouth of the container.

20 19. The method of claim 17, further comprising providing the solution as between about 10% and about 50% sucrose with a remainder of the solution comprising water.

25 20. The method of claim 17, further comprising providing the solution as about 24% USP grade liquid sucrose to about 76% clean water.